

County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION





******* INFORMATION BULLETIN *******

UNDERGROUND STORAGE TANK PROCEDURES UPDATE

The Hazardous Materials Division recently made operational changes in the UST inspection program to better assist Underground Storage Tank (UST) Owners and Operators in meeting their regulatory requirements. This bulletin outlines the changes and provides valuable information that can help UST owners, operators, contractors, consultants and other parties interested in UST management.

	SUMMARY OF CHANGES
Red	ent changes within the HMD tank inspection program include:
	New UST plan review and inspection fees
٥	New State Mandated UST Forms
	Monitoring Certification Form: Vacuum/ Pressure interstitial sensors

New UST Plan Review & Inspection Fees effective as of July 1, 2008

In accordance with the San Diego County Code of Regulatory Ordinances, Division 5, Section 65.107, the following UST Plan Review & Inspection Fees went into effect on <u>July 1, 2008</u>.

UST PLAN CHECK ACTIVITY	Fees for Fiscal Year			
New UST Construction ¹	2008-2009			
Installation Fee for First Tank	\$1420.00			
Fee for each additional tank	\$ 418.00			
Establishment Base Fee (Applies to establishments not currently under permit with DEH)	\$ 227.00			
Operating Permit Fee per Tank (May not apply to replacement tanks)	\$ 339.00			
UST Upgrade/Repair				
Upgrade/Repair - 1 Inspection and no soil sampling ²	\$ 1108.00			
Upgrade/Repair - 2 Inspections (including soil sampling) ³	\$ 1544.00			
UST Closure				
Closure Fee for First Tank	\$ 860.00			
For each additional tank	\$ 384.00			
Other Fees				
Consultation Fee/Per hour (Minimum 2 hours)	\$ 119.00/hr			
Plan Re-Review	\$ 452.00			
Each additional inspection⁴	\$ 578.00			
Re-inspection Fee	\$ 700.00			
CUPA Surcharge - Program Oversight-Hazmat (Per Facility)	\$ 24.00			
CUPA Surcharge - Underground Storage Tanks (Per Tank)	\$ 15.00			

¹ These fees will also apply to all tank repairs, interior lining and bladder installations.

- Installation of new UST monitoring system
- Any pipe repair
- Repair to secondary containment components

A lower fee may be charged on very minor project permits as determined by HMD on a case by case basis.

² This fee will apply only to permit projects where only one inspection by DEH is required. Inspections lasting longer than 4 hours will be subject to an additional \$119.00/hr fee. Typical projects where only one inspection is required:

³ This fee will apply to permit projects where more than one inspection by DEH will be required. The fee includes only two inspections.

⁴ Any additional inspection required will be subject to a \$578.00 additional fee. If you are unsure as to how many inspections are required for a particular project, please contact the UST Plan Check Specialist at (619) 338-2207.

NEW STATE STANDARDIZED UST FORMS

The State of California made changes to the California Code of Regulations (CCR), Title 23, Underground Tank Regulations and became effective as of <u>January 17, 2008</u>. The changes in regulations specify that UST owners and operators use new standardized forms for submitting new and previously required information. The new standardized forms will promote consistency in recordkeeping and will be a benefit to HMD and UST owners and operators. HMD is requiring that all UST owner and operators bring up to date all their information on to the new forms. Transition period to the new forms is expected to be 6 to 12 months.

Please be advised if you have a facility that has an UST Operating Permit due for a renewal, the Permit renewal will not be approved unless the new forms have been received. Please submit these forms ASAP to prevent any delay to the re-issuance of the UST Operating Permit.

The new forms are available on our website at http://www.sdcounty.ca.gov/deh/hazmat/hmd forms.html. The form names and corresponding form numbers are listed below:

Operating Permit Application - Facility Information (SD form no. HM-9715)

COUNTY OF SAN D	
DEPARTMENT OF ENVIRO	
HAZARDOUS MATERI	
P.O. BOX 129261, SAN DIEC (619) 338-2222 FAX (6	
1-800-253-99	33
UNDERGROUND STO	DRAGE TANK
OPERATING PERMIT APPLICATI	ON - FACILITY PAGE (One page per site) Page of
TYPE OF ACTION	
(Check one item only) 3. RENEWAL PERMIT 6. TEMPORARY FA	
I. FACILITY INFO	
TOTAL NUMBER OF USTs AT FACILITY 404 FACILITY ID #	
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As)	·
BUSINESS SITE ADDRESS	103 CITY 104 ZIP CODE 105
	CA
FACILITY TYPE 1. MOTOR VEHICLE FUELING 2. FUEL DISTRIBU	TION 403 Is the facility located on Indian Reservation or 405
3. FARM 4. PROCESSOR 6. OTHER	Trust lands? Yes No
II. PROPERTY OWNER	
PROPERTY OWNER NAME	407 PHONE 408
	()
MAILING ADDRESS	409
	STATE 411 ZIP CODE 412
CITY 410	STATE 411 ZIP CODE 412
III. TANK OPERATOR	INFORMATION
TANK OPERATOR NAME	428-1 PHONE 428-2
	()
MAILING ADDRESS	428-3
Intelligation (Intelligence of the Intelligence of the Intelligenc	
CITY 438.4	CTATE 428.5 ZID CODE 428.6
CITY 428-4	STATE 428-5 ZIP CODE 428-6
IV. TANK OWNER IN	FORMATION
TANK OWNER NAME	414 PHONE 415
	()
MAILING ADDRESS	416
A TALL ARROWS TO A RANGE AND A TALL AND A TA	
CITY 417	STATE 418 ZIP CODE 419
OWNER TYPE: 4. LOCAL AGENCY/DISTRICT 5. COUNT	Y AGENCY 6. STATE AGENCY 420
7. FEDERAL AGENCY 8. NON-GO	VERNMENT
V. BOARD OF EQUALIZATION UST STO	
TY (TK) HQ 44- Call the S	tate Board of Equalization, Fuel Tax Division, if there are questions.
VI. PERMIT HOLDER	INFORMATION
Issue permit and send legal notifications and mailings to: 1. FACILIT	Y OWNER 4. TANK OPERATOR 423
☐ 3. TANK C	
SUPERVISOR OF DIVISION, SECTION, OR OFFICE (Required For Public Agencies Onl	y) 406
VII. APPLICANT S	
CERTIFICATION: I certify that the information provided herein is true, according APPLICANT SIGNATURE	curate, and in full compliance with legal requirements. DATE 424 PHONE 425
THE LIGHT SIGNAL ONLY	DATE
	I I ()
APPLICANT NAME (print) 426	APPLICANT TITLE 427

HM-9715-UPCF Underground Storage Tank - Operating Permit Application - Facility Information (03/08)



APPLICANT SIGNATURE

APPLICANT NAME (print)

COUNTY OF SAN DIEGO CUPA DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261 (619) 338-2222 FAX (619) 338-2377 1-800-253-9933

UNDERGROUND STORAGE TANK

OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST) TYPE OF ACTION (Check one item only. For an UST permanent closure or removal, complete only this section and Sections I, II, III, IV, and IX below, ☐ 1. NEW PERMIT ☐ 3. RÉNEWAL PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY UST CLOSURE 7. UST PERMANENT CLOSURE ON SITE 8. UST REMOVAL 430a DATE UST PERMANENTLY CLOSED: DATE EXISTING UST DISCOVERED: I. FACILITY INFORMATION BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) FACILITY ID # 7 0 3 0 0 BUSINESS SITE ADDRESS CITY ZIP CODE CA II. TANK DESCRIPTION TANK ID# TANK MANUFACTURER TANK CONFIGURATION: THIS TANK IS ☐ 1. A STAND-ALONE TANK ☐ 2. ONE IN A COMPARTMENTED UNIT. Complete one page for each compartment in the unit.

NUMBER OF COMPARTMENTS IN THE UNIT DATE UST SYSTEM INSTALLED TANK CAPACITY IN GALLONS III. TANK USE AND CONTENTS TANK USE □ 1a. MOTOR VEHICLE FUELING le. AVIATION FUELING 1b. MARINA FUELING 3. CHEMICAL PRODUCT STORAGE 4. HAZARDOUS WASTE (Includes Used Oil) 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(c)] 439a ☐ 6. OTHER GENERATOR FUEL 95. UNKNOWN 99. OTHER (Specify): lc. MIDGRADE UNLEADED ☐ 1b. PREMIUM UNLEADED CONTENTS 440 PETROLEUM la. REGULAR UNLEADED 3 DIESEL 5. JET FUEL ☐ 6. AVIATION GAS 440a □ 8 PETROLEUM BLEND FUEL 9 OTHER PETROLEUM NON-PETROLEUM: 7. USED OIL 10. ETHANOL 440ъ 11. OTHER NON-PETROLEUM (Specify): TANK CONSTRUCTION 443 □ 1. SINGLE WALL ☐ 2. DOUBLE WAI TYPE OF TANK PRIMARY CONTAINMENT 1. STEEL 3. FIBERGLASS ☐ 6. INTERNAL BLADDER 444 ☐ 95. UNKNOWN ☐ 99. OTHER
☐ 6. EXTERIOR MEMBRANE LINER 444a 7. STEEL + INTERNAL LINING (Specify):
7. JACKETED 1. STEEL SECONDARY CONTAINMENT 3. FIBERGLASS 445 99. OTHER (Specify): 445. 90. NONE 95. UNKNOWN OVERFILL PREVENTION □ 1. AUDIBLE & VISUAL ALARMS □ 2. BALL FLOAT 3. FILL TUBE SHUT-OFF VALVE 452 □ 4. TANK MEET'S REQUIREMENT'S FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT V. PRODUCT / WASTE PIPING CONSTRUCTION 2. DOUBLE-WALLED ED 99. OTHER
3. CONVENTIONAL SUCTION 4. SAFE SUCTION [23 CCR §2636(a)(3)] 460 PIPING CONSTRUCTION 1. SINGLE-WALLED
1. PRESSURE 458 2. GRAVITY 1. STEEL PRIMARY CONTAINMENT 4. FIBERGLASS 8. FLEXIBLE ☐ 10. RIGID PLASTIC 464 ☐ 90. NONE 95. UNKNOWN 99. OTHER (Specify) 464a SECONDARY CONTAINMENT 4. FIBERGLASS 8. FLEXIBLE 464b 1. STEEL ☐ 10. RIGID PLASTIC ☐ 90. NONE 99. OTHER (Specify): 464c 95. UNKNOWN PIPING/TURBINE CONTAINMENT SUMP TYPE 1. SINGLE WALL 2. DOUBLE WALL 464d ☐ 90. NONE VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION 464e VENT PRIMARY CONTAINMENT ☐ 1. STEEL ☐ 4. FIBERGLASS □ 10. RIGID PLASTIC 90. NONE 99. OTHER (Specify) 464el 464f VENT SECONDARY CONTAINMENT □ 1. STEEL ☐ 4. FIBERGLASS 90. NONE 99. OTHER (Specify) □ 10. RIGID PLASTIC 464fl 464gl 464gl 464h VR PRIMARY CONTAINMENT □ 1. STEEL ☐ 4. FIBERGLASS □ 10. RIGID PLASTIC 90. NONE 99. OTHER (Specify) 90. NONE 99. OTHER (Specify) VR SECONDARY CONTAINMENT 1. STEEL ☐ 4. FIBERGLASS □ 10. RIGID PLASTIC 464hl VENT PIPING TRANSITION SUMP TYPE □ 1. SINGLE WALL 2. DOUBLE WALL 464i 464j RISER PRIMARY CONTAINMENT □ 1. STEEL 4. FIBERGLASS □ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464j1 464k RISER SECONDARY CONTAINMENT □ 1. STEEL ☐ 4. FIBERGLASS □ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464k1 FILL COMPONENTS INSTALLED ☐ 1 SPILL BUCKET ☐ 3 STRIKER PLATE/BOTTOM PROTECTOR ☐ 4 CONTAINMENT SUMP 451a-c VII. UNDER DISPENSER CONTAINMENT (UDC) ☐ 90. NONE 469a □ 1. SINGLE WALI CONSTRUCTION TYPE 3. NO DISPENSERS 4. FIBERGLASS 469b-c CONSTRUCTION MATERIAL 1. STEEL □ 10. RIGID PLASTIC 99. OTHER (Specify) VIII. CORROSION PROTECTION 448 STEEL COMPONENT PROTECTION 2. SACRIFICIAL ANODE(S) ☐ 6. ISOLATION 4. IMPRESSED CURRENT IX. APPLICANT SIGNATURE CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

HM-9717 - UPCF Underground Storage Tank - Operating Permit Application - Tank Information (02/08)

DATE

APPLICANT TITLE



COUNTY OF SAN DIEGO CUPA DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261 (619) 338-2222 FAX (619) 338-2377 1-800-253-9933

UNDERGROUND STORAGE TANK MONITORING PLAN (Page 1 of 2)

MONITORING PLAN								
TYPE OF ACTION 1. NEW PLAN 2. CHANGE OF INFORMATI								
PLAN TYPE 1. MONITORING IS IDENTICAL FOR ALL USTs AT THIS								
(Check one item only) 2. THIS PLAN COVERS ONLY THE FOLLOWING UST S								
I. FACILITY INFORMATION								
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As)	FACILITY ID# 3 7 0 0 0 0							
BUSINESS SITE ADDRESS 10	CA ZIP CODE 105							
II. EQUIPMENT TESTING AND PRI	VENTIVE MAINTENANCE							
Testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors,	probes, line leak detectors, etc.) must be performed at the frequency							
specified by the equipment manufacturers' instructions, or annually, whichever is more fre (23 CCR §2632, 2634, 2638, 2641)								
	THER (Specify): 490-3a 490-3b							
III. MONITORING I	OCATIONS 490.4							
☐ 1. NEW SITE PLOT PLAN/MAP SUBMITTED WITH THIS PLAN. ☐ 2. SITE PLOT PLAN/MAP PREVIOUSLY SUBMITTED. (23 CCR §2632, 2634)	F-06F							
IV. TANK MONITORING IS PERFORMED US	ING THE FOLLOWING METHOD(S):							
□ 1. CONTINUOUS ELECTRONIC TANK MONITORING OF ANNULAR (INTE								
VAULT(S) WITH AUDIBLE AND VISUAL ALARMS (23 CCR §2632, 2634) SECONDARY CONTAINMENT IS: □ a. DRY □ b. LIQUID FILLED □	c. PRESSURIZED d. UNDER VACUUM 490-6							
PANEL MANUFACTURER:	490-7 MODEL #: 490-8							
LEAK SENSOR MANUFACTURER:	490-9 MODEL #(S): 490-10							
2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SIN	GLE WALL TANK(S) (23 CCR §2643) 490-11							
PANEL MANUFACTURER:	490-12 MODEL #: 490-13							
IN-TANK PROBE MANUFACTURER:	490-14 MODEL #(S): 490-15							
I = = = = = = = = = = = = = = = = = = =] b. DAILY/NIGHTLY ☐ c. WEEKLY 490-16] e. OTHER (Specify): 490-17							
	1 - OTHER (S							
3. MONTHLY STATISTICAL INVENTORY RECONCILIATION (23 CCR §26	124.2							
□ 4. WEEKLY MANUAL TANK GAUGING (MTG) (23 CCR §2645): TESTING PERIOD: □ a. 36 HOURS □ b. 60 HOURS								
□ 5. TANK INTEGRITY TESTING (23 CCR §2643.1): TEST FREQUENCY: □ a. ANNUALLY □ b. BIENNIALLY □ c. OTHER (Specify):								
99. OTHER (Specify):	490-26, 490-27							
V. PIPE MONITORING IS PERFORMED USING THE F	OLLOWING METHOD(S) (Check all that apply)							
1. CONTINUOUS MONITORING OF PIPE/ PIPING SUMP(S) AND OTHER SI VISUAL ALARMS (23 CCR §2636)								
SECONDARY CONTAINMENT IS: a. DRY b. LIQUID FILLED	e. PRESSURIZED d. UNDER VACUUM 490-29							
PANEL MANUFACTURER:	490-30 MODEL #: 490-31							
LEAK SENSOR MANUFACTURER:	490-32 MODEL #(S): 490-33							
PIPING LEAK ALARM TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHU	DOWN. a. YES b. NO 490-34							
FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGERS AU								
2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PER	••							
PRODUCT FLOW WHEN A LEAK IS DETECTED (23 CCR §2636) MLLD MANUFACTURER(S):	490-36 490-37 MODEL #(S): 490-38							
* *								
3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERI	490.40							
ELLD MANUFACTURER(S):	MODEL #(S): 904-1							
PROGRAMMED IN LINE LEAK TEST: 1. MINIMUM MONTHLY 0.2 g	p.n 2. Mildivion Altitoria v.1 g.p.n.							
ELLD DETECTION OF A PIPING LEAK TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN. a. YES b. NO ELLD FAILURE/DISCONNECTION TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN. a. YES b. NO								
490.46 A PIPE INTEGRITY TESTING: TEST FREQUENCY a. ANNUALLY b. EVERY 3 YEARS c. OTHER (Specify):								
5. VISUAL PIPE MONITORING: FREQUENCY a. DAILY b. WEEKLY c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* * Allowed for monitoring of unburied emergency generator fuel piping only per HSC §32381.5(b)(3)								
6. SUCTION PIPING MEETS EXEMPTION CRITERIA [23 CCR §2636(a)(3)] 490-50								
☐ 7. NO REGULATED PIPING PER HEALTH AND SAFETY CODE, DIVISION	0, CHAPTER 6.7 IS CONNECTED TO THE TANK SYSTEM 490-51							
99. OTHER (Specify):	490-52, 490-53							

HM-9222-A-UPCF Underground Storage Tank - Monitoring Plan (03/08)

page 1 of 4

5



COUNTY OF SAN DIEGO CUPA DEPARTMENT OF ENVIRONMENTAL HEALTH HAZARDOUS MATERIALS DIVISION

P.O. BOX 129261, SAN DIEGO, CA 92112-9261 (619) 338-2222 FAX (619) 338-2377 1-800-253-9933

UNDERGROUND STORAGE TANK RESPONSE PLAN – PAGE 1

(One form per facility)

TYPE OF ACTION 1. NEW PLAN	2. CHANGE OF INFO	RMATION													R01
	I. FACILITY I	NFORMA	TI	ON											
FACILITY ID # (Agency Use Only)		3	7	7 —	0	0	0	-							1
BUSINESS NAME (Same as FACILITY NAME or DB	A – Doing Business As)														R02
			203							104					R05
BUSINESS SITE ADDRESS		K	203	CITY					3	104	CA	Z	IP CO	DE	KUS
II CDII	LL CONTROL AN	DCLEAN	NT I	ъ мп	FTL	101	26								
This plan addresses unauthorized releases from UST st								dures	in th	ne fa	cility's	Haz	zardou	s Ma	terials
Business Plan. If safe to do so, facility personnel will take immedia	te measures to control or s	stop any releas	e (e	.g., acti	ivate	pum	p shu	t-off.	etc.)	and	, if ne	essa	ry, sai	fely re	move
remaining hazardous material from the UST system. Any release to secondary containment will be pumpe	d or otherwise removed wi	ithin 24 hours o	e di	iccorren	D.		rad b		lone	mata	riale v	nlace	emita	bla fo	r thair
intended use, will be managed as hazardous waste.															
 Absorbent material will be used to contain and clee effective or which is no longer intended for use will? 															
it is non-hazardous. Used absorbent material, reus appropriately.	able or waste, will be sto	red in a prope	rly	labeled	l and	seal	ed c	ontai	<u>1er</u> . V	Vaste	e mate	rial :	shall l	oe dis	posed
Facility personnel will determine whether any water															
hazardous material. If the water is contaminated, it w that it is non-hazardous. If the water has a petroleun															
rainbow colors. Water (hazardous or non-hazardous) We will review secondary containment systems for p							n wa	ter sy	stems	i.				•	
 Hazardous material in contact with secondary co 	ntainment is not compatibl	e with the mate	erial	l used f	or sec	conda									
 Secondary containment is prone to damage from Hazardous material, other than the product/was 															tralize
released product/waste, and the added material o									ndary	con	tainme	ent.			
PERIODIC MAINTENANCE: Spill control and clean	L CONTROL ANI								rdon	- M	ntorio]	Duc	inacc	Dlan	Thic
equipment is inspected at least monthly, and after each us														r iaii.	11115
EQUIPMENT NOT PERMANENTLY ON-SITE, BU		E IF NEEDE	D:	(Compl	lete o	_									
EQUIPMENT R10	LOCATION			F	R20	AV	AIL	BIL	111						R30
R11				F	R21										R31
R12					R22										R32
R13					R23										R33
R14					R24										R34
R15					825										R35
8.17															200
THE FOLLOWING PERSON(S) IS/ARE RESPONS:	IV. RESPONSI				CC A	DV I	IND	ED T	ше	DEC	PON	E D	I AN.		
NAME	R40	TITLE	1/1/	MECE	.ooA	KI (מאנט	LKI	1113	KES	TON	e r	LAIN:		R50
NAME	R41	TITLE													R51
NAME	241			IIIL								101			
NAME	E R42														R52
NAME	R43	TITLE										R.53			
V. MONITORING INDICATORS															
IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE, STEPS TO VERIFY THE RELEASE WILL BE MADE AS FOLLOWS: R60							R.60								
☐ Additional system testing or data collection ☐ Insp															

HM-9222-B - Underground Storage Tank - Response Plan (3/08)

Page 1 of 3

*NOTE: The new Emergency Response Plan form (HM-9222b) is not part of amended changes, however, HMD is encouraging facilities to use the new format as well for consistency purposes.

UST MONITORING CERTIFICATION FORM: VACUUM/ PRESSURE INTERSTITIAL SENSORS

Every underground storage tank system installed after July 1, 2004 are required to have the interstitial space(s) monitored by either vacuum or pressure sensors. The SWRCB has developed an addendum form to the UST Monitoring Certification form to document the testing of these sensors. The addendum form must be included with the UST Monitoring Certification when submitting to HMD.

This page his form	of Vacuum/Pressure Monitoring Equipment Testing should be used to document testing and servicing of vacuum and pressure interstitia must be included with the Monitoring System Certification Form, which must be performer/operator. The owner/operator must submit a copy of the Monitoring System Certification UST systems within 30 days of test date.	provided to the tank
Manufactu	rer: Model: System Type:	Pressure; Vacuum
Sensor ID		
Sensor II	Component(s) Monitored by this Sensor:	
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass: Fail
	Component(s) Monitored by this Sensor:	suit rass, ran
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass; Fail
	Component(s) Monitored by this Sensor:	Juic rass, raii
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass: Fail
	Component(s) Monitored by this Sensor:	oun ran
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass; Fail
	Component(s) Monitored by this Sensor:	July Labo, Li Pali
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass; Fail
	Component(s) Monitored by this Sensor:	
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass; Fail
	Component(s) Monitored by this Sensor:	
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass; Fail
	Component(s) Monitored by this Sensor:	
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass; Fail
	Component(s) Monitored by this Sensor:	
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass; Fail
	Component(s) Monitored by this Sensor:	
	Sensor Functionality Test Result: Pass; Fail Interstitial Communication Test Re	sult: Pass; Fail
	trestitial communication verified? troduced at Far End of Interstitial Space; Gauge; Visual Inspection; Other (D	escribe in Sec. J, below)
Vacuum wa	as restored to operating levels in all interstitial spaces: Yes No (If no, describ	e in Sec. J, below)
Comme	ents:	
	Page of	
	successfully detects a simulated vacuum/pressure leak introduced in the interstitial space at the num/pressure has been demonstrated to be communicating throughout the interstice.	e furthest point from the

If you have any questions about the information contained in this bulletin, please contact Robert Rapista, Underground Storage Tank Group Supervisor at (619) 338-2309 or the Environmental Health UST Plan Check Specialist at (619) 338-2207.